ting. When it dropped befored that purple line of fulls the back, like a black, sluggish beetle, would rawl down the bill that lay beyond the river, cross the

relge climb slowly torturingly slowly -Rozanna paled, trendled, stretched out a hand which field to open the kitchen door in a fumbling scarch for

the knob.

The door burst open. They thing themselves upon her Buckle and the y-ang girl wife.

"Mother!" Rozanna's bey held her from him, stanning her face anxionaly. "Why, Mother, you haven't been ack, here you? You look so little and and sort of shadowy. You were always sort of shadowy, weren't you? Your letters everyone of them stug like a lark. But you shou't book like your letters, Mother. His arms closed about her. "You've been lonely very lonely! Oh, why didn't I have some enough to know it in some of the letters?"

Rozanna felt the girl's soft arms about her neck. "We believed the letters down to the very minute when I arst held my own little Roslerick in my arms and Rosley held us both," she was saving. "Then we know. Then we both said that the first day I was strong enough we should come. For you wanted me too, didn't you, Mother?"

Rozanna deln't speak, she couldn't, but her cheek

Mother?

Roxanna daln't speak,—she couldn't,—but her cheek sought and found the young wife's soft cheek.

"Yesterday, though, another: Mrs. Randall, who lives farther down the street, came to see me. She was desperately ill when our haby was horn. Nobedy saw her but the doctors and nurses. When she was illest one day a lady came to the door who said she was Mr. Randall's mother. But the mother of that Mr. Randall's dead. The lady was so insistent that the nurse had to be quite sharp with her, Mrs. Randall said. And when the poor woman turned away, almost fainting, her beavy value fell open, and it was full of little baby things?"

Rexanna drew a long quivering breath, and a great

Rexama drew a long quivering breath, and a great peace came into her eyes; but she did not speak. "I could hardly be desent to Mrs. Randall the rest

"I could hardly be desent to Mrs. Kandan the rest of her call, the younger woman was saying, "It wasn't her fault, but she could have been human about it. She's got no baby: just a borrid, woodly dog, and she calls herself mother to it. Mother!" The indignant young your broke on a sob, "Oh, I guess I wasn't strong enough yet to come, the doctor was raging, but maked to come. And I would not be left belond. but we had to come. And I would not be left behind.
I want a mother too. I never had one since the day I was born. I am sifty," she dashed the tears away and lifted her head to book in Roxanna's face; "but all day that lady looking for her son has haunted me. It has

made me think of how you must have longed for year son. Tell her, Roddy tell her that we didn't know how she must you, or what an elemity of time a year

how she wanted you, or what ancesting can be till—till now."

"My dears, my dears!" Roxanna said weakly as they took the baby from the norse and put it into her arms.

"And, Mother," the new, deep look in Buchle's face, the new, deep look in Buchle's face, the new, deep tone in its cone, "all my life, since I've been big causigh to warry, Fue swarred that you were here behind this rose a receil lattice eternally. We are not going to let you stay here. But since yesterday I've thunked for its shelter, because I could know that property mather it was that couldn't find, her

box, it wasn't mine."

His arms drew them all close, unil subjectly there was in his your the sharp appeal to his mather of the little lad he hed been.

"My dears, my dears." Rosanna booked from the little bindle in her arms to them, and her face was the fine of one who comes out of barrier sands into the blooming oast, of her loved ones. "I am sure the poor old hely with the baby clothes has found her son by this time—and much more besides."

## MINE WASTE

N most mining districts material that has been decord almost worthless has been accumulating for

IN most mining districts material that has been decorded almost worthless has been accumulating for years. But some of an ingenious turn have found uses for much of this so-called waste.

For example, in Jaser County, Missouri, are harderly of lead and zinc mines. The one therefrom are strongly allied with line and flint, and to remove the metals from the crude material as charply as possible it is necessary to study this rock formation into small lets. After the lead and zinc have been removed there remains a hard substance known as "chars." This was left on the ground in great pides, and, except for rock construction, no one knew of any useful purpose for it. Finally one of the railways began to employ it as ballast. Its example was followed by other railways, and it was not long before many discovered that for ballasting it was insurpassed.

With the advent of cours to paying chars was tried in a filler, and it was found as serviciable as graved and much cheaper. Then it found its way into considerations, culverts, and bridge piers. Farmers began moditions, culverts, and bridge piers. Farmers began modition; it into fence peets, with cement as a retainer.

Mining waste from other mines has been found to be of more or less value. One use for slag from furnaces is in the construction of wharves and the filling in of waterfronts.

## THE DOCTOR AND THE VOICE

mild astringent applications, followed by a carefully

selected course of vocal exercises, calculated to restore vigor and proper resilience to the parts.

Do not become discouraged if you are suffering from what you think, or have been told, is a permanent loss of voice. Your medical specialist and the services of a skilful vo al tea her will in a few months, if there be no organic disease, testore the former strength and sweetof the voice, if you will but be patient, hopeful, and

persevering.

An interesting form of aphonia is that complete or partial loss of voice due to tright. The vocal organs, so far as molding and emitting sound are concerned, seem to be absolutely paralized. His sterical aphonia can usually be differentiated from trae paralysis by the fact that in taking the throat, or otherwise causing the smart to sough, there is distinct "vocal" sound in the effoct; whereas, in paralysis, it is merely a "wheese," a locable expulsion of breath, unaccompanied by vocal substitution.

The several interesting cases treated by Morella, in Rose, for this trouble, and the most interesting feature was that therapeutic suggestion played the principal role in the "cure"; for, having found that the automa was of historical origin. Dr. Morells informed the patients that slight operations were imperative in order to extore the voice. Having gained their onsential for by an impressive display of instruments. Morells lightly described in introduced a larying so one mirror and a white-shot electric camery point. This point went no farther than the back part of the morella, and was switched off by his assistant as soon as it was one of sight of the parient. The beneficial result or this payed the treatment of hysterical architecture is almost uniformly successful. I would recommend this to the attention of American specialists, who may not yet have tried it.

MANY singers and speakers who suffer from vocal tarigue during a performance or a lecture do so as a result of imperfect ventilation in the auditorium. It is remarkable that a bod, of the leair so specifily affects the vocal apparatus; but such is the case. The

American custom of having the hall or theater "pipin American custom of having the hall or theater pipme hot is an abominable one; not alone because of the effects of superheated dry air upon the voral organs, but also because this prevents the full enjoyment and con-fortable appreciation of the performance by the audi-ence itself. A movement has recently been started in New York having as its purpose the nation-wide chica-

ence itself. A movement has resently been started in New York having a its purpose the nation wide education of theater, concert, and lecture audiences in the matter of improved ventilation. Some managers seem to regard fresh air as a thing so valuable that it must be saved sarefully, and breathed over and over again. This movement on behalf of both professional entertainers and theatergoers is intended to show the error of that way; also the beauty, charm, and increased enforment all found if a little extra cool is consumed, and a great deal more fresh air admitted free.

Exce aive dryness of the throat freemently causes extreme annotance or actual distress to public men or artists. This is only momentarily releved by sipping water. A much better and more effective plan, and one that gives infinitely more lating tesults, is to chew a small piece of apple immediately before "going on." The make add seems to quench the mes of air dryness much latter and more promatently than water. Simular good results, once promates before a performance. The emeasures simulate the atmost of the salivary gland, and prevent a direct adult tongue from cleasing to the most of one's mouth.

A that physical margine follows the work of a subset of an all a ton.

also furnishes the escuse for the cocktail and the quick \*pick-me-ups" of the Americans.

Now, there is a method of stimulating without reaction, of semforcing vital resistance without pulling a cock, of over oming fatigue without resting. So far as I know, it is original. It same to me when on a walking trip through Switzerland some years ago, as I noticed my little fox terrier panting in quick, deep breaths. We have been told that a dog's over-mouthed, tongue lolling breathing is his method of perspiring. But I reasoned that it might be his way of luming up fatigue posions, of luming a tremendom amount of oxygen into the blood through the lung sells, and that this might have been one element that gave him his this mucht have been one element that gave him his wonderful powers of enduran e, enabling him to circle back and forth all day long, running ten miles while I

back and form an may rong, walked one.

I tried his principle, and so successfully that now, when farigued, or drower, or just before a performance requiring the expenditure of considerable energy, I adopt the dog's procedure, which consume simply is going into the fresh sir, or in standing by as open window, and foreibly inhaling and exhaling does breaths for three or four mirrates at a stretch, repeated at intervals of fifteen or twenty minutes. This agrades the blood corpusales an curry. This also bures the responsible can curry. This also bures the arrowing and gas in the limits, walking them out in every sell, and constraints the poisson of fatigue that have been thrown into the blood by the breaking lown of the c. Symptoms of sleepiness or duggishmess are almost completely toms of eleganess or duggishness are almost excepterely and immediately discretted.

R APID, deep breathing also stimulates the wind amazingly, and business men and professional structure, to whom I have recommended it, state that where before, they were groping for words or thus in their constantions, after this forced oxygenation, their distantion tested the speed of their most expert stener obers, some physical culture friends who tried out the experiment claimed that in "chimning the bar," discibled lifting, or other feats of strength and endurance, their vapility was increased from twenty to forty per cent, by forced deep breathing.

In addition to overcoming mental and pictural fa-

by forced deep breathing.

In addition to overcoming mental and platigue, this also materially provents nervouses all constrousness that public appearance its provokes, execution the most blase. It may be so a worl of caution against the practice of these to exercises by the aged or by three with weak a bardonel arteries; for there follows a decided in blood tension, and a marked rise in pulse rannight prove detriminant to these whose containates on this sphere depends upon observing most quiet and composite. But for the ymiddle-aged, who the readily, for the anema is of sedentary habits, and for a quick stimulant

middle-aged who thre readily, for the anome a of sedentary habits, and for a quick stimular all tunulant, nothing exceeds this method forced breathing. And it costs nothing but a sky. While we are on this subject, it might be 4 or mention that for all singers, actors, elergyness, and others using their voices, exercises ten in crease lung capacity—as rouning, fearing, swimming, dumbbells, etc. are invaluable; the strength and use of our bellows, the lungs, the amount of air that can be forced through a cords to sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain and the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain a long phrase, or deliver a people of the sustain and the sustain a long phrase, and the sustain a long phrase and the sustain and the lking, for upon cords to sustain a long phrase, or deliver a tithat doesn't seed hobble-gaited because of dibreath; in other words, to give a performance convert an audience of spectators into an a

It is the consensus of opinion among medical menthat alcohol is extremely harmful to the voice. In fact, Marchiafrya, physician to the King and the Pore, and other eminent authorities contend that it is a posson, and never in any circumstances fit for human consumption. Experience has shown that it has a posson, simplified. Experience has shown that it has a powerfully irritating effect upon the vocal apparatus. Any singer or speaker who values the continued pressure of of his voice would do well to leave it severely about.

We are instilled in saving that, as a street on rise no higher than its source, so a voice can rise to higher than its source, so a voice can rise to higher than the body that promote to

